

Digital Spectrophotometer

(Model : VSI-SP3 & VSI-SP4)



Features

- Range 340nm to 960nm
- Dual Digital Display for Wavelength & Results
- Wavelength Resolution 1 nm.
- Highly Stable & Accurate
- Direct Concentration Facility
- 10 mm & 50 mm Path Length (In Model VSI-SP4 only)



These are most economical, reliable, rugged and accurate instruments for spectrophotometric analysis of any concentration. They operate at a wavelength range of 340nm to 960nm. The output is available on a 3½ digit LED display in terms of Percentage Transmission, Absorbance & Concentration.

MODEL	VSI-SP3	VSI-SP4
Range	340 to 960 nm	340 to 960 nm
Resolution	%T : 0.1, Abs.: 0.001, Conc.: 001	%T : 0.1, Abs.: 0.001, Conc.: 001
Output	%T : 0 to 100%, Abs.: 0 to 1.999, Conc : 0 to 1999	%T : 0 to 100%, Abs.: 0 to 1.999, Conc : 0 to 1999
Display	3½ Digit LED for Results & 3 Digit LED Display for Wavelength	3½ Digit LED for Results & 3 Digit LED Display for Wavelength
Monochromator	600 Lines/mm Diffraction Grating	600 Lines/mm Diffraction Grating
Detector	Silicon Photodiode	Silicon Photodiode
Light Source	6V, 1 Amp. Vertical Tungsten Halogen Lamp	6V, 1 Amp. Vertical Tungsten Halogen Lamp
Path Length	10 mm	10 mm & 50 mm
Spectral Bandwidth	5nm	5 nm
Wavelength Resolution	1 nm	1 nm
Wavelength Accuracy	± 1 nm	± 1 nm
Repeatability	± 1 nm	± 1 nm
Sample Holder	Square Glass Cuvettes Having 10mm Optical Path Length	Square Glass Cuvettes Having 10mm & 50mm Optical Path Length
Operating Temperature	5 to 45°C	5 to 45°C
Power Supply	230V ± 10%, 50 Hz AC	230V ± 10%, 50 Hz AC

ACCESSORIES OF VSI-SP3 : 2 Nos. Glass Cuvettes of 10mm path length and Instruction Manual.

ACCESSORIES OF VSI-SP4 : 2 Nos. Glass Cuvettes of 10mm., 2 Nos. Fused Glass Cuvettes of 50 mm path length and Instruction Manual.

Specifications & Design subject to change due to continuous development.

Manufactured By :

VSI ELECTRONICS PVT. LTD.

(An ISO 9001 : 2008 Certified Company)

F-330, Phase VIII-B (Sector-74), Industrial Area, S.A.S Nagar, Mohali, Chandigarh-160 071 (India)

Mobile : +91-98140-16463, 98550-76463, Telefax : +91-172-2227238, e-mail : vsielectronicsmohali@gmail.com